SINGLE TELEPHONE NUMBER ACCESS TO MULTIPLE

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TECHNICAL FIELD

The present invention relates generally to telecommunications systems and more particularly to providing single telephone number access to multiple communications services.

BACKGROUND OF THE INVENTION

In conventional telecommunications systems, a number of different telecommunications services are offered to subscribers. Each telecommunications service requires a unique telephone number. Examples of telecommunications services that require a unique telephone number are automatic routing services, voicemail services, facsimile services, paging services, cellular phone services and personal 800 numbers. One of the drawbacks of each service requiring a different telephone number is that managing and publishing multiple telephone numbers for a subscriber that uses multiple communications services can prove to be quite cumbersome. For example, a subscriber may have to provide a first telephone number for facsimile services, a second telephone number for voicemail services, and a third telephone number for cellular services. Thus, a subscriber must remember all of the unique telephone numbers and must make clear to people whom the subscriber gives the telephone numbers what services are associated with what telephone numbers. Oftentimes, a party confuses the mapping of telephone numbers to services and reaches the wrong service when dialing the telephone number that was given to the party. For instance, a caller may dial a number thinking that he will reach a person and instead the caller reaches a facsimile machine.

Another drawback of conventional systems is the lack of flexibility regarding the telecommunications services that are provided to subscribers. A subscriber may need to provide access to different services to different people at various times. For example, a subscriber may need to have phone calls directed to the